

NIDDK Workshop on
Noninvasive Measurement of Iron

April 17, 2001

Hyatt Regency Bethesda

National Institute of Diabetes and Digestive and Kidney Diseases, NIH

Agenda

8:00AM Registration and Continental Breakfast

8:45AM Opening Remarks

David Badman, DKUHD, NIDDK, National Institutes of Health
Allen Spiegel, Director, NIDDK, National Institutes of Health
Frank Somma, National President, Cooley's Anemia Foundation, Inc.

9:00AM ***Session I. Clinical Needs for Measurement of Iron***

Chair: Gary Brittenham, Columbia University, NY

Panelists: Roland Fischer, UKE - Abt. Medizinische Biochemie
Elliott P. Vichinsky, Children's Hosp. Oakland Res Institute
Alan R. Cohen, Children's Hospital of Philadelphia
Harriet C. Isom, Penn State College of Medicine, Hershey Med Center

10:00AM ***Session II. Physical Properties of Iron***

Chair: Philip Aisen, Albert Einstein College of Medicine

Panelists: Alvin L. Crumbliss, Duke University
Gary Buettner, University of Iowa
Denny N. Chasteen, University of New Hampshire at Durham

11:00AM ***Session III. Detection of Iron Overload by MRI***

Chair: Thomas Mareci, Director, Center for Structural Biology, University of Florida

Panelists: Rodney Brooks, NIH
Evan S. Siegelman, University of Pennsylvania
George Bartzokis, University of Arkansas at Little Rock
Zhiyue J. Wang, Children's Hospital of Philadelphia
Pierre Gillis, Faculté De Méd, Univ De Mons-Hainaut
Herbert Bonkovsky, University of Massachusetts Medical School

Tim St. Pierre, University of Western Australia
Jeff Bulte, NIH
Peter Van Gelderen, NIH

12:00PM Lunch (on own)

1:00PM ***Session IV. Detection of Iron Overload by Susceptometry
(magnetometry)***

Chair: David E. Farrell, Case Western Reserve University

Panelists: Gary M. Brittenham, Columbia University
Joseph L. Kirschvink, California Institute Of Technology
Paul N. Arendt, Superconductivity Technology Center
Sankaran Kumar, Quantum Magnetism
William Avrin, Quantum Magnetism
Douglas Paulson, Tristan Technologies
Roland Fischer, UKE - Abt. Medizinische Biochemie
Ronald B. Goldfarb, NIST

2:00PM ***Session V. Discussion and Recommendations***

Chair: Robert Balaban, National Institutes of Health

4:00PM Adjourn

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